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ATTENTION: SP-18  REFERENCE: 9228  1. PER REFERENCE, THE 19 EXPERIMENTAL FRAMES FROM MISSION 4022 CSD  WERE STUDIED IN DETAIL BY EIGHT TECHNICIANS AND FOUR PI'S. EACH MAN CD  PSD  PSD  PSD  PSD  PSD  PSD  PSD  P						DIST	RIBUTION	$\frac{\mathbf{Z}}{\mathbf{Z}}$
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							NSA-LO	
2. THE IMAGE ACUITY DIFFERENCE BETWEEN THE NUMBER 2 AND 3	MAJORITY O	F CASES.					DIA-AP	<b></b>
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MADA AGREENTS:	Z. THE	IMAGE AC	ULTY DIFFER	RENCE BET	WEEN THE NUMBER 2 AND 3	28 N	L	<u></u>

- POSITIONS APPEARED VERY SUBTLE, BUT WHEN COMPARED FOR GENERAL UTILITY INITIAL CONCERNING DENSITY, CONTRAST AND NIGHLIGHTS, AND SHADOW DETAIL THE NUMBER 3 POSITION WAS CHOSEN.
- 3. THE MODE OF THE VEHICLE, ROLL, PITCH AND YAW, AND THE SOLAR ELEVATION DID NOT APPEAR TO HAVE ANY AFFECT ON THE POSITIONS WHICH VERE PREFERRED.
- IT IS CONCLUDED THAT THE NUMBER 3 POSITION IS THE ONE MOST DESIRABLE BUT HAD THE 4 POSITIONS RECEIVED THE SAME EXPOSURE POSSIBLY A DIFFERENT CONCLUSION WOULD HAVE BEEN MADE. ALSO, THE MATERIAL WAS PROCESSED ON THE YARDLEIGH MACHINE WHICH IS A FRAME-BY-FRAME PROCESSOR.

25X1

TOP CLOPET

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SINCE THE EXPERIMENT PRODUCED A MINUS DENSITY STREAK

BETWEEN THE 1ST AND 2ND POSITIONS IT IS PROBABLE THAT THE MACHINE

READ THIS AS THE DMIN. THIS CAUSED ALL THE MATERIAL EXCEPT FOR TWO FRAMES TO BE PROCESSED AT THE FULL LEVEL OF DEVELOPMENT.

HENCE, THE NUMBER 1 POSITION WHICH EMPLOYED THE POLARIOD FILTER IS OVERPROCESSED ON SEVERAL FRAMES.

5. FOLLOWING IS A STATISTICAL BREAKDOWN OF PREFERENCES BASED ON THE GENERAL UTILITY OF THE 4 TEST POSITIONS:

POSITION	PREFERENCE		
1	8		
2	7		
3	22		
<b>A</b>	4		

6. THE NUMBER OF FRAMES CONTAINING SOME PORTION OF THE EARTH ON THE INDEX OF MISSION 4021 IS 1,483 OUT OF 2,261.

TOPSECRET

/END OF MESSAGE/